

FORMER PRESIDENT WINS MEDAL FROM THE ROYAL SOCIETY

Dr. Arthur A. Noyes '86 Given
High Honor for Work in
Physical Chemistry

COOLIDGE IS ALSO CITED

Latter Is Famous For His Work
With Cathode And
Roentgen Rays

Signal honors for Technology men were bestowed recently on Dr. Amos A. Noyes '86, and Dr. William D. Coolidge '96, by the Royal Society in London, it was announced by the metropolitan press. Noyes received the Davy Medal, while Coolidge received the Hughes Medal. Dr. Noyes is well known at the Institute, having been acting president during the years 1907 and 1908, following the death of President Pritchett.

Following the graduation of Dr. Noyes in 1886, from Course V, he continued graduate work in the department, and later was made a professor. At the present time he is director of the Gates Chemical Laboratory at the California Institute of Technology in Pasadena. In 1915 he was awarded the William Gibbs Medal by the American Chemical Society. He holds the degrees of Doctor of Philosophy, Doctor of Laws, Doctor of Science, and Master of Science.

Dr. Coolidge graduated from the Institute in 1896 from the Electrical Engineering Department. He is famous for his research in roentgen ray phenomena, and won the Nobel Prize for his work in the development of the cathode ray tube. He holds membership in many scientific societies, including honorary membership in the American Roentgen Ray Society. At the present time he is assistant director of the research laboratory of the General Electric Company at Schenectady.

Experts To Talk On Abrasives and Synthetic Drugs

Chemical Society Will Show
Movies In Open Session
At Walker Tonight

Dr. E. H. Volwiler, Chief Chemist of the Abbott Laboratories of Chicago, will speak on "Some Chemical-Pharmaceutical Researches" and Mr. M. O. Lamar of the Norton Company of Worcester will outline "The Importance of Abrasives in Modern Life" at the monthly open meeting of the Northeastern section of the American Chemical Society tonight in the Main Hall, Walker.

Dr. Volwiler is expected to describe some of the most recent developments in medicinal agents, including present-day local anesthetics, hypnotics and antiseptic dyes. He will also discuss vitamins, the application of metals to medicine, and chemical progress in the search for remedies for sleeping sickness, leprosy and malaria. Since he obtained his Ph.D. degree from the University of Illinois in 1918, Dr. Volwiler has been closely connected with the development of synthetic medicinals.

Speaking of abrasives, Mr. M. O. Lamar will give a ten-minute talk followed by motion pictures showing the manufacture of abrasives, from the raw materials to the finished product. The uses of the various types of abrasives, from simple sandpaper and

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AUTOMOTIVE SOCIETY HAS FIRST MEETING

Members of the M. I. T. Student Branch of the Society of Automotive Engineers will meet for the first time this year in Room 3-460 this afternoon at 3 o'clock. Arthur A. Nichols '28, chairman of the Student Branch will preside. Discussion of plans for the year, invitations of speakers, committee appointments, and membership recruiting will be taken up promptly.

This meeting is closed to non-members, but anyone who is interested may attend succeeding meetings. The term "Automotive" includes not only land machinery, but air and marine as well.

Stiff Bearings Cause Instructor to Waste Gas

Technology has known many absent-minded professors, but the student body discovered what it thought was the prize one in the past few days—an absent-minded professor who forgot to shut off the motor of his automobile when he had arrived at the Institute. The car, which is one of the older Franklins, was stationed between Building 2 and Walker.

Investigation has disclosed the fact that the act was premeditated. William C. Greene, Jr., of the Department of English and History, is the owner, and the object of the waste of all the number of BTU's in the gasoline was the breaking in of a new set of bearings in the motor. "They're so tight I have to have the blank blank cartowed out of the garage in the morning," said Mr. Greene.

Rogers Building Scene of Senior Function Tonight

Junior Class Officers to Act
As Ushers at Formal
Senior Dance

This afternoon at 2 o'clock will be the last opportunity afforded the Seniors to secure their tickets for the Senior Dance tonight, it was announced by the Senior Dance Committee. Distribution of tickets will be made at the Main Lobby. This dance, which is free to all bona fide Seniors, will be held in the Rogers Building this evening from 9 o'clock until 1 and will be a formal affair.

All students who are not actually registered in the graduating class will be excluded from the building, with the exception of those officers of the Junior Class who will act as ushers. To prevent others from entering on "borrowed" tickets, all Seniors will be required to sign their names on the backs of the tickets when they receive them, and may be required to duplicate the signature at the door of Rogers, in case any doubt arises.

Mrs. Horace S. Ford, Mrs. Erwin H. Schell and Mrs. James R. Jack have consented to act as chaperones. Music for the affair will be furnished by the Technicians, with a seven-piece orchestra on the floor. Surprises are promised in regard to the favors and noise-makers which will be supplied to the dancers. Refreshments will be served, at a slight cost, which will be the only expense connected with the function, which is expected to be the most brilliant Senior event before Senior Week in June.

TECHNIQUE EXTENDS SENIOR TIME LIMIT

Comparatively few Seniors have made appointments for sittings for the Technique Senior Portfolio so far, the Institute's annual has announced, and in order that the remaining members of the class may have an opportunity to display their visages in the book, the time limit has been extended to Saturday.

Appointments for these sittings may be made in the Main Lobby daily from 12 to 2 o'clock, and in the Technique office during the entire school day. The Warren Kay Studio on Boylston Street, Boston, is doing the photographic work for the 1928 yearbook, and all pictures will be taken there.

T. C. A. CABINET HAS BREAKFAST MEETING

Professor Henry P. Van Dusen of the Union Theological School and Associate Executive Secretary of the National Student Y. M. C. A. will hold a breakfast meeting with the T. C. A. Cabinet Advisory Board and a few invited members of the freshman class at the Herrick House on Sunday morning. Professor Van Dusen is one of America's foremost leaders of student thought.

A discussion of what the objectives of a student campus organization should be, and the best methods of attaining those objectives, will take place at this meeting.

FLOOD PARTY HOME AFTER HARROWING DRIVE IN VERMONT

First To Send News of Fire
Which Threatened Ludlow
at 4 A. M. Monday

FOUR STATIONS IN NET

Completing a harrowing five day drive through the flooded areas of Vermont, a radio party, carrying an Associated Press correspondent, and headed by James K. Clapp '23, drove into Technology grounds last Wednesday afternoon at 4 o'clock, fully exhausted from a continuous vigil after successfully accomplishing the heroic task of establishing communication between the inundated regions of that state and the world. It was through this party that news of the fire which threatened Ludlow at 4 o'clock Monday morning was first made known to the public. Clapp is a member of the instructing staff of the Department of Electrical Engineering.

In an attempt to communicate with radio stations in the flooded districts of New England, a transmitter and receiver were set up in the Institute last Friday evening, but without signal success. Immediately, by arrangement with the Associated Press, a party with portable radio equipment was organized to enter the devastated areas of Vermont for the purpose of sending out accurate reports from those towns in which communication was uncertain or lacking entirely.

Radio Sole Means of Communication
Saturday morning, activities on the assembling of apparatus and personnel were actually started, and at 3:20 in the afternoon two cars loaded with radio equipment and carrying James K. Clapp, A. H. Broly, L. T. Goldsmith of the Institute and John S. Wolcott of the Associated Press, left the Institute proceeding toward Greenfield. At a town east of Gardner, one of the portable sets was put up and

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Col. H. C. Boyden Will Lecture To Civil Engineers

Speaker is Noted Authority on
Cement and Concrete
Construction

"The Evils of Segregation" will be part of the talk of Colonel H. C. Boyden, who will address the Civil Engineering Society on Monday afternoon in Room 1-190 at 4 o'clock. Col. Boyden is well known to engineering audiences in the United States and Canada as a lecturer on cement and concrete construction. For six years he lectured on this subject while representing the Portland Cement Association, during which time he appeared before 1200 audiences, to address which he traveled a total of over 213,000 miles.

Colonel Boyden's talks are based on his own practical experience of over 25 years in concrete work. He has designed and built structures requiring nearly half a million cubic yards of concrete. This practical experience is supplemented by a thorough understanding of the theory and design of concrete mixtures. During the war he served in the Corps of Engineers of the United States Army, and in 1919 taught at the Engineering School at Camp Humphries, following which he joined the Portland Cement Association in the capacity of International Lecturer. After six years of lecturing he joined the faculty of the Ohio Northern University as Dean of the College of Engineering.

Some of the high spots touched on

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ANNUAL REUNION IS HELD BY 'LEVENERS

Orville B. Denison and John A. Herlihy of the class of 1911 have rounded up their classmates for their annual observance of the "Eleventh Day of the Eleventh Month" celebration, of the class of 1911.

The "Loyal Leveners" will congregate tonight in Walker Memorial. Dinner will be served in the Faculty Dining Room at 6:30 o'clock, and will be followed by general talk, and finally the bowling encounters will furnish diversion for the entire group.

NEW NECKWEAR FOR FRESHMEN IS SET BY RULES COMMITTEE

Fraternity Neophytes Count Bridge Spindles

10658 is the number of spindles in the railings of Harvard Bridge, according to the report of a group of fraternity neophytes, who went through the process of counting them Wednesday night. Not only were the spindles counted, but each and every one may be seen with a little chalk number on the piping above it.

To make the task more difficult than counting the number in one span and multiplying by the number of spans each spindle has been consecutively numbered. It is not known what group of freshmen did this, but it is thought that the idea originated in the Fenway.

DRAMATIC CRITIC UPBRAIDS PUBLIC

Clayton M. Hamilton Contrasts
Athenians and Modern
"Vulgarians"

Clayton M. Hamilton, prominent New York dramatic critic and playwright, scored the modern public for its lack of appreciation of the better plays and acting of the present time in his lecture in Room 4-270 yesterday afternoon. Mr. Hamilton was introduced by Professor Robert E. Rogers of the Department of English and History.

In beginning his address Mr. Hamilton contrasted the ancient civilization and culture of the Athenian audiences to the usual modern American audience composed of the rabble and "vulgarians." He explained that Sophocles, when talking from the stage, spoke to people of his own social standing and mental aptitude, while the great actors of modern times waste their talents upon an audience inferior to themselves.

"Even in the time of the Elizabethan Theatre," continued Mr. Hamilton, "Shakespeare wrote with the knowledge that his plays would be heard and appreciated solely by English. He didn't have to compose a comedy which would appeal to English, Russians, Germans and the rest of the nationalities combined."

"The modern trend of the theatre and plays depends neither on the author nor the actor but on the audience. In writing a play for six-year-olds the author does not write it so that it will appeal to himself but so that it will appeal to six-year-olds. In making a play for morons the writer has to produce something that will appeal to morons as the moving picture companies do."

Mr. Hamilton reminisced upon the theatre as it was 30 and 40 years ago and how it has deteriorated since that time. When you went to the theatre then it was to find yourself elevated, while now it is to find yourself among the "vulgarians" which compose our modern audiences, according to Mr. Hamilton.

'HOW TO GET A JOB' IS TOPIC OF ESHBACH

Electrical Students Will Hear
Lecture Tonight

Mr. O. W. Eshbach of the Bell Telephone Co. will address a meeting of the electrical students tonight in Room 5-330. He will answer the question that faces the graduate, "What kind of an engineering job can I get, and how do I go about getting it?" This is the second of the series of meetings arranged by the Student Branch of the A. I. E. E.

At the last meeting Mr. W. O. Bursch of the General Electric Co. spoke for the manufacturing division and tonight Mr. Eshbach will represent the communications field. A free supper will be served at six o'clock in Room 1-345, and the lecture and motion pictures in Room 5-330 will follow. The meeting will be over by eight o'clock so that it will not interfere with any other engagements for the evening.

NEW TYPE OF TIE FOR FRESHMEN TO BE ON SALE SOON

Silk and Wool Cravats Will Be
Sold at Coop For
One Dollar

COLORS TO BE THE SAME

Freshman ties of a new kind of material will be available for the use of the first year men as soon as it is possible to have them made up. This action has been taken by the Rules Committee in conjunction with the Harvard Co-operative Society for the benefit of the yearlings because of the number of complaints received about the durability of the present freshman ties.

The new tie, the fabric of which is a mixture of silk and wool, is designed to last a great deal longer than the one now in use. The material, though no heavier than before, is not nearly so delicate. However, since a mixture of silk and wool has not the brilliant sheen of pure silk, the new ties may not be quite as handsome as the others.

It is this sort of a mixture of silk and wool which makes possible a tie which is practically non-creasable, and this in a measure will contribute to the attractiveness and serviceability of the new cravats. Their lining is also somewhat superior to that of the present tie, being rather more substantial.

In order to make the new ties absolutely regulation, they will be dyed exactly the same colors as the present ones. Their price of one dollar

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INSTITUTE BODY HAS A ROUTINE SESSION

Forms Sub-Committee to Take
Charge of Various Details

In a particularly dull meeting last night, the Institute Committee disposed of several routine matters by appointing sub-committees to take charge of them.

Thurston C. Ramsey '30 was appointed to the Elections Committee. Ramsey fills the place left vacant by the resignation of Clarence J. Hurd '29.

According to the requirements of the Constitution of the Undergraduate Association, the Constitution of the Polo Club which was brought up at this time was tabled until next meeting. Henry B. Dean '28, C. Brigham Allen '29 and D. Tullis Houston '30 were appointed as a committee to go over the article in the meantime.

By a similar procedure John F. Bennett '30, Howard S. Gardner '30 and Charles C. Marshall '28 were appointed as a committee to revise the new Constitution of the Architectural Society. This will be done in conjunction with the president of the Society, John A. Russell '28.

Another committee of three men was appointed to go over the future plans of the new Flying Club to insure that these would incur no dangers to the participants. These men were Ralph B. Atkinson '29, John P. Bailey '28 and Marcus W. Keyes '28.

Because of the coming freshman elections the next meeting of the Institute Committee will be on Thursday of next week for the purpose of ratifying these elections. Henry B. Dean '28, chairman of the Elections Committee, reported that all preparations for these had been made and that they would take place in the Main Lobby on Wednesday from 9 o'clock until 5.

CALENDAR

Friday, November 11

3:00—Meeting of Society of Automotive Engineers in Room 2-470.
6:00—Electrical Engineering Society supper in Room 1-345.
6:45—Electrical Engineering Society Meeting in Room 5-330.
9:00—Senior Dance at Rogers Building.

Saturday, November 12

2:30—Inter-class track meet.

Monday, November 14

4:00—Meeting of Civil Engineering Society in Room 1-190; Lecture by Col. H. C. Boyden.

A Record of
Continuous
News Service
for 46 years



Official News
Organ of the
Undergraduates
of M. I. T.

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WHERE ARE YOU PUTTING YOUR EGGS?

WE ARE constantly amused by the attitude of those undergraduates at the Institute who seem to think that the engineer is and should be a purely technical person. It is all too often that we see boys come to Technology firm in the idea that they will study only their technical courses and nothing else. The officers of the Institute have realized this danger and have attempted to remedy the situation by prescribing courses in Literature, Economics and other subjects of a purely general nature.

The engineer of the present is not like the engineer of fifty years ago. Nor will the engineer of fifty years hence be anything like the engineer of today. New ideas in science and in the way of conducting the world's work create the demand for a new type of man, but the demands of the world change so rapidly that human beings are not always able to keep in step. When this happens progress stops—or at least, progress falters.

We, as undergraduates of Technology, have, in part, the latent power to keep such a thing from coming to pass. From the study of previous conditions and demands we can forecast the future with a reasonable degree of accuracy. There is absolutely no excuse for our being caught unprepared. The technical graduate is no longer a draughtsman or a surveyor—he is a man of many parts and affairs.

If one were to take a copy of the Alumni Directory, study it carefully, he would be amazed at the diversity of the occupations of these Alumni. Their fields of endeavor range from bank presidents to doctors, from research men to mural painters. Yet all these were men who once received Bachelor of Science degrees.

Life after graduation is a decidedly uncertain thing. The undergraduate who has taken the work in a certain engineering course may, upon leaving the Institute, take a position in a field entirely removed from his profession. This is, of course, an extreme case, yet the chances of the thing happening to the individual are not so small as they may now seem.

Look to the future! While an active interest in one's professional courses is a decidedly desirable thing, nevertheless, the undergraduate's duty to the Institute and to himself does not consist solely in professional courses. Life is too uncertain and presents too many varied demands for one to place all of one's eggs in a single basket!

ONLY A LADDER

WE WONDER if, in the days of old, before knights were bold, in and before the days of hen-pecked Socrates, in that period when ancient Greece was setting the styles in architecture, we wonder if they ever left ladders upon their handiwork. Perhaps they were so lax as to leave a rope and a ladder hanging on the dome of the Parthenon, but we doubt it.

If the Dorians are still interested in the order they instituted, they will certainly be turning over in their graves. For weeks now, the editorial eye has wandered to the dome of the Institute library, only to be greeted by such a sight as no architect could appreciate. There, supported by a rope that girdles the dome, is a falling, slipping careening ladder, resting its weary legs after the fashion of an inebriate leaning against a friendly lamp post.

It may be that the ladder performs some useful purpose but it doesn't seem possible. If its use is over, why not have it removed, and allow the Institute buildings to appear once more in all their Grecian beauty.

The Editorial Board of THE TECH, which voluntarily attended the lecture by Mr. Clayton Hamilton yesterday, wishes to take this opportunity to thank him. It is not often that we have the chance to obtain first hand information about the theatre, and Mr. Hamilton, in his talk cleared up many points which have, heretofore, worried us. We have constantly been at a loss to explain the decidedly low quality of many of the shows which have been offered for public approval in Boston and it was not until Mr. Hamilton gave us the producer's viewpoint that we understood the situation. If Boston is, in the future, to enjoy fine shows, some evidence of a desire for such productions must be shown by the playgoers.

With The American College Editors

Editor's Note:—

The following editorial is taken from "The Varsity," the undergraduate paper of the University of Toronto for October 10, 1927.

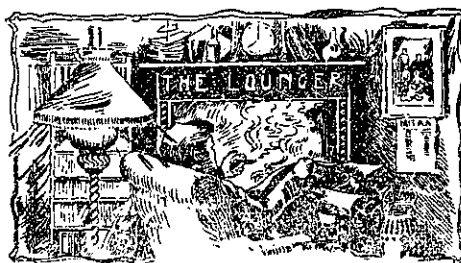
"COLLEGE HUMOUR"

The popular conception of college humour is, no doubt, founded on the humorous college magazines in circulation. In these, the college man, usually inebriated, is found beautifully mixed up with bell trousers, telephone poles, absent-minded professors, flappers, and fraternity pins.

A scientific conception of college humour has been advanced by Polyzenie Kambourpoulou, who, in connection with a psychological experiment, examined the "humour diaries" kept by students at Vassar College. According to this report, a type of foolish jesting, or laughing at nothing, is the sort of humour which appeals to the feminine collegian. "Mental inferiority is the basis of these jokes, which are aimed at mistakes, ignorance, absent-mindedness, naive remarks, laughing at one's own foolishness, social breaks and blunders."

To say that any one type of humour is typical of college life, is next to impossible. There are universities, and universities. Each one is composed of separate faculties, and we cannot say that each of these has a uniform conception of a "good joke." The punsters and practical jokers are, of necessity, scattered among the various groups.

Certain it is, however, that most college students have a sense of humour. The freshman brings it with him. The Sophomore sharpens it at the freshman's expense. The Junior aims it at other faculties, perhaps, the Senior at other institutions. The Professor encourages it with quibs in the classroom, and the graduate needs it, for, "a man without mirth is like a wagon without springs in which one is caused disagreeably to jolt by every pebble over which it runs."—The Varsity.



Profanity Greene's one-lung chaise seems to get about the same consideration as does a young pup at the hands of a two-year-old kid. Can it be, wonders the Lounger, that Technology's cussing instructor is launching himself upon a personal campaign to make the English department appear a bunch of practical engineers? Else why should he park his ancient and decrepit maroon Franklin out on the Institute playground with both usable cylinders peppering away at a furious rate, and hang a sign on the wheel saying "Let 'er run!"

The Lounger has often heard of an engineer softening up to the point where he thinks he wants to go in for the finer arts, but never before has he seen an English teacher suddenly go so daffy as to try running a private efficiency test on his own bus. Is the man hoping to get the car in practice for the long bitter blasts of a Charles Basin winter when he will let 'er run without a pause—the fellow admits he's a pessimist—or is the only way one of Mollie's tea-drinking staff can think of to drain the gas tank? But the Lounger is quite frankly stumped—unless possibly Dean Fuller has tricked his boon companion into one of those nawsty wagers.

Something riled the Lounger yesterday, and riled him right. He happened to attend Clayton Hamilton's lecture about the American stage, given up in 4-270, where he sat in the rear of the room so as to get the general attitude of the audience. Mr. Hamilton waited till the last man had found his seat before he began talking in his quiet, deliberate manner, but no sooner had he gotten well under way than in strolled one of the left-overs from last year's graduating class, followed from time to time by fully twenty of the usual Institute lead-loaded bunch who haven't the sense or courtesy to get where they are going while they're still welcome. The last—or nearly so—was one of the estimable co-eds, who crossed over to the main aisle and so to a prominent seat just after the middle of the lecture. Speaking of the Vulgarians, who were featured by the speaker, Tech may well boast of the whole royal family—not to mention all the little stable boys.

A pretty typical specimen of Institute spirit was witnessed by the Lounger in one of the beloved mid-week quizzes. This particular test was given by one of the milder of the Faculty, who would seem almost too

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As We Like It

OH KAY

To Boston comes "Oh Kay!" presented at the Majestic Theater after something like a year's run on Broadway. Balancing up the good points of the show one can feel that an experienced hand of a master producer had a good share in its making.

Julia Sanderson, well known and liked by Bostonians, takes the leading role as Kay; Frank Crumit already known to many by his crooning reedy lullabies to the strumming of his ukulele, plays the heroic lead. Then come the Keating twins, who with John Young, the clever comedian, serve their allotted turns. The burden of most of the dances, which were entertainingly rhythmic and novel, was carried exceptionally well by Charles Brown, who is not entirely a stranger on Boston stages. In passing it must be mentioned that the plot concerns the predicament of a "boot-legger-duck" and his sister Kay and associates, when the owner of the house in which their stock was stored unexpectedly arrives. The main issue hangs on the tangled romance of the owner, Kay, and several other half-annulled, half-married wives.

It has been sometime since the "Oh Kay!" players have been dancing to the tunes of "Clap Yo Hands," "Maybe," "Do-do-do," and several other good musical numbers, so that even though Boston has heard them already. But if the music has been heard before, one can not help liking this sparkling comedy with probably the best dancing and cleverest lines embodied in any show this season.

Plans are being developed at Lehigh for a new examination system similar to that in force at Oxford and a few American colleges. The student takes a comprehensive examination at the end of each year's work in the subject in which he is majoring.

At the same institution, the new tuition rate of \$400 went into effect at the beginning of the present school year.

SUNDAY SERVICES

CHURCH OF THE MESSIAH
Gainsboro and St. Stephen St., Boston
8:00 A. M. Holy Communion. 10:30 A. M. Morning prayer and sermon—Dr. W. E. Gardner, "The Idea of God." 4:00 P. M. Monthly Student Conference. 6:00 P. M. Supper Club.
PROSPECT ST. CONGREGATIONAL CHURCH
Near Central Square, Cambridge
10:30 A. M. Morning Service. 12:00 Noon Sunday School. 8:15 P. M. Young People's Meeting. 7:30 P. M. Evening Service.

Shh-h! The Young Lady



Whose back is toward you, has just told the young man that she will cancel a previous date any time he will take her to—

The Smartest Place to Dine and Dance in Boston

MUSIC BY LEO REISMAN

The New
EGYPTIAN ROOM
of 1927

AT HOTEL BRUNSWICK

A store well worth knowing

A store second to none in the world, where young men may quickly and pleasantly select a complete wardrobe—suits—topcoats—sport and dress clothes, of custom-made quality, yet ready to wear, tailored from the first stitch to the last in our own Boston workrooms. A store that saves time and money for thousands of well-dressed Men and Young Men.

Suits, \$45 to \$55 — Overcoats, \$50 to \$65
Tuxedos and Trousers, \$50 and \$55
Blue Overcoats full silk lined with Velvet Collars, \$65

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THE TECH
HEREBY
CHALLENGES
TECHNIQUE
TO MEET IN
FOOTBALL COMBAT
On NOV. 16, 1927

SOPHOMORES FAVORED IN CLASS MEET

Yearlings Should Carry Off Second With Seniors Third; Juniors Fourth

As a result of the showing made by the various classes thus far this year in track, the Sophomores are slight favorites to carry off the honors in the annual fall interclass handicap meet to be held tomorrow afternoon at 2:30 o'clock on Tech Field. The freshmen should put up a merry battle with the Seniors for second, while the Juniors, unless they display some miraculous comeback, seem doomed to finish fourth. The various classes are well prepared for the big event and the list of competitors promises to reach a high peak.

In the two handicap meets already held this fall, the Sophomore competitors have been high scorers. Neither of these events were officially interclass, however, so as a result the Sophs must finish on top tomorrow to be credited with a real victory. The frosh have showed up well in both meets, being a close second each time. Both the Seniors and Juniors appear unusually weak this fall, and of the two the former are the better.

Hardy Is High Point Scorer
Much of the success of the yearlings must go to Hardy, a sensational all-around find for Oscar Hedlund, who has scored a total of 38 points individually in two meets. He will undoubtedly be high scorer of tomorrow's meet, and on his ability the freshman class is basing its hope of victory. His best events are the broad jump and shot put but he has collected many of his points in the low hurdles, discus and hammer throw. Fred Willcutt has been another outstanding individual performer with a total of 17 points. His specialties are in the weight events.

While the second-year men have no individual to compare with Hardy, they have a very well balanced group that usually manages to gather enough points to insure victory. Ladd is a sure point winner in the 440, having taken firsts in both meets. Barrington should lead the low hurdlers and his teammate Ross has an excellent chance of winning the high hurdles. Zigler has been showing good form in the high jump as has Horton in the discus.

With the exception of McCarthy in the javelin throw, the Seniors have no one certain to take a first place. Clette should finish well up in both the high and low hurdle races but it is doubtful if he can lead the field. Lodge is expected to make a good showing in the 440 while Martini should carry off a few points in the weight events. The upperclassmen will have to show speed and plenty of it in order to catch up with the yearlings.

Coming to the Juniors, it is to be noticed that much of the strength of that class is centered in the present cross country team. This accounts for their apparent weakness. However, such men as Brockelman in the high jump, Brodsky in the shot and javelin and Walker in the javelin should contribute a creditable number of points towards their team's total.

At the present it appears as if the feature events of the day should be the hurdles, shot put, 660, and broad jump. The high hurdles in particular should be interesting with Ross and Hardy battling for first place. In the two earlier meets each has taken a first and second. The low hurdles will find Hardy again battling, this time with Barrington, who has defeated him once this year. In the shot put there will be a three-cornered competition with Willcutt, Hardy and Martini each confident of victory. Moody and Lord are expected to wage a merry war in the 660, while in the broad jump we again come across Hardy. His rival here will be Danforth.

SOCCER TEAM HAS THREE HARD GAMES IN NEXT TEN DAYS

Will Play Ineligibles In Order New Lineup To Try Out Proposed

MEET HARVARD TUESDAY

With three games coming in a week, the soccer team has been taking things rather easy for the past few days so as not to be stale by the time of the West Point game, which comes just before Thanksgiving. Most of the work during the week has been in the organization of the new lineup. A number of men will not be changed at all as it has been found that they play their original positions best.

Mong leads the list of those who will retain their original positions. He has shown out in all the games and is one of the leaders of the forward line. The injuries that he received in the Bradford game have healed and he has been out practicing most of the week.

Wyman has shown up well as a goal guard and according to reports will remain in this position for the remainder of the year. He is tall enough to cover nearly all the territory and has been instrumental in stopping many of the opposing teams' rushes down the field. Capt. Sparre, who was goal at the beginning of the year, is now anchored in the forward wall and has done a good deal in bolstering up the left side of the line.

Hawkins and Cline will also keep their respective positions. Hawkins has shown up well as a fullback in the last few games and has developed a much better style than he had at the beginning of the year. He is not afraid to rush in on the opposing forwards when they have the ball and that is one of the duties of a fullback. Cline has been out for most of the season although he has not played in all the games. He has been one of the leading halfbacks since the beginning of the year, although he had the habit of not showing up at several of the games.

Beaver Harriers Are Primed For N.E. Title Games

Two Undefeated Teams Are Listed Among Twelve Competing Squads

When the gun is fired to start the New England intercollegiate cross country meet at Franklin Park Monday afternoon the Technology harriers will all be in the pink of condition and rarin' to go. Coach Oscar Hedlund has been pointing the men for the race all season and the marked improvement since the beginning of the year indicates that the Cardinal and Gray men are going to give a good account of themselves.

Twelve teams with a total of 119 men have been entered in the 15th annual N. E. I. C. A. A. cross country meet. Seven men will start for each team and the first five will count in the scoring. The third annual freshman meet, which will be held in conjunction with the Varsity contest, has a list of nine teams with 89 entries. Each college is allowed to start ten men with the first seven men to count in the final tally.

Maine and Rhode Island will enter the meet with undefeated teams. In addition to winning all of her dual meet, Maine also captured the Maine State championship in a triangular meet with Colby and Bates. Holy Cross, Mass Aggy, New Hampshire and M. I. T. also have strong teams that are going to be in the battle for the championship. B. U., Brown and some of the other colleges with not very great team strength have individual stars who will be in the running. With the uncertainty caused by the upsets that always crop up there will be no sure-thing favorite for either team or individual championships and the meet should prove one of the most exciting in cross country history.

TENNIS

Manager Wilson announced last night that semi-final matches in the fall tennis tournament must be played off by next Thursday, or they will be defaulted. This is contrary to the usual custom, but is necessary if the tournament is to be completed before winter. The weather has been sufficiently mild up until this week to permit the completion of every round up to the finals.

Two fine meets have been arranged for next spring when both Holy Cross and Cornell will come to Tech field for dual meets with the Cardinal and Gray. A couple of closely contested meets against worthy opponents can be expected.

Queens College, Oxford, is the last undergraduate college to brew its own beer. And it is in danger of losing this distinction with the retirement of Mr. Hunt, who has been in the service of the college for 56 years. The work of brewing is all done by hand. The extract of malt is pumped into a copper tank by a pump which dates back to 1600.

OUTLOOK BRIGHT FOR BOXING TEAM

Twenty-three Freshmen Sign Up—Big Squad of Veterans Back to Game

With the opening of the P. T. season for freshmen, Coach Tommy Rawson of the boxing team finds himself with plenty of candidates for the freshman team for the sport has been added to the list of substitutions again this year and twenty-three men have signed up for the sport. Since Monday the men have begun to report to the hangar for work.

Some of the candidates have had a little experience at the game but the whole squad was started off with bag punching, both the light and heavy bags being on the bill to develop timing and power. Coach Rawson expects to see the men take up the rudiments of the game and get into condition gradually with the ring work developed as fast as possible without going beyond the men's reach.

Just as bright an outlook presents itself for the Varsity as for the frosh. Mr. Rawson has a number of good men from last year's freshman and Varsity outfits in his squad. A pair of experienced men are leading the team both as captain and manager. Lou O'Malley is heading the team and certainly will do his share toward giving the team a win in the intercollegiate. George Flynn, runner-up in the 160 pound class of last year's intercollegiate is managing the team. Having been with the team his three years he is ineligible this year and is giving his experience to training the others.

A long list of veterans follow these two. Bolanos is a clever boxer in the 145 class and ought to score plenty of points for the team this season. Blackwood is another good man in the 145 class while in the next class at 135, Keith and Aldrich both seem to have plenty of stuff. Peatfield will probably represent the team again in the 115 or 125 pound classes. Schuren showed up well on last year's freshman team and ought to make good with the Varsity this year.

Jamieson, one of the team's best men is out of the game temporarily. In a practice session with O'Malley he let go with all he had at O'Malley's head. The blow didn't seem to bother the captain very much as it glanced off but it crippled Jamieson's hand. Although he is not working now he ought to be back in the game in time to help the team when the season starts.

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FORTY CANDIDATES REPORT FOR HOCKEY

Wednesday's Mass Meeting Attracts New Men

More than forty candidates reported at the hockey mass meeting held in Room 1-190 Wednesday afternoon. This was one of the largest groups that have ever turned out for this sport at Technology. Of this number the majority were upperclassmen and practically all of these were experienced players. Captain Ralph Crosby, Manager Donahue and Coach Bill Stewart each gave a short talk on different phases of the team and its requirements.

It was announced that practice would start early next week, thus giving the Engineers a good chance for early practice, something that they have not had in other years. As Harvard will probably be the first opponent of the Beavers, the latter will need to utilize every minute of their time between now and the first week in December.

The large amount of candidates that turned out indicate also that the Cardinal and Gray should have plenty of reserve strength this year. If a few husky defense players can be obtained the Engineers should have a fairly good team. The forward line with White, Duplin and Crosby is fast and with a few weeks of training should display some real team work.

1928 Tennis Schedule

April 23—Boston Univ.	Home
27—Williams	Away
28—Amherst	Away
May 2—Brown	Away
5—Dartmouth	Away
9—Army	Away
16—Wesleyan	Home
21-23—N. E. Intercollegiate Lawn Tennis Ass'n.	
Harvard	Pending
Boston College	Pending

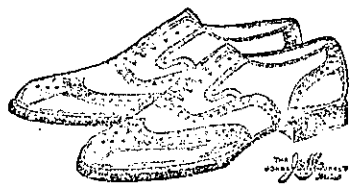
M.I.T.A.A. SPONSORS EXHIBITION NIGHT

Twenty Minute Periods of All Sports Will Be Given by Team Members

An exhibition of sports, sponsored by the M. I. T. A. A., will be held on November 18 at 8 o'clock in the Hangar Gym in order to arouse the interest of the student body in Technology's Varsity teams. Admission will be free, and season ticket holders have been notified of the event. With the exception of swimming and hockey, every winter sport in which the Institute maintains teams will be represented, both by members of the teams and by professionals.

Twenty-minute periods have been allotted to each of five sports—basket ball, fencing, wrestling, gym, and boxing. Although both amateurs and professionals will be on the program, they will not compete out of their own class, thus maintaining the amateur standings of the Institute's Varsity athletics. The participants have not been announced as yet, but will appear in a future issue of THE TECH.

Only the very best of talent has been engaged for this program, since the main object is to encourage support of the teams. It is believed that if a good turnout of students is present, the teams will be well supported the whole year. Prospects this year are the brightest for wearers of the Cardinal and Gray that they have been for many years, especially in basketball and boxing. After the miserable attendances which greeted last year's teams in their home engagements, it is hoped that a strong cheering section will support the various squads this winter.



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COMMITTEE SEEKS MORE DURABLE TIE

**Silk and Wool Mixture Makes
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Uncreaseable**

(Continued from Page 1)

too, will be on a par with those now on sale. Thus by giving the freshman two materials to choose from, one beautiful and the other serviceable, the Committee feels that greater satisfaction will be given to the new men.

This illustrated the feeling in which the Rules are being instituted at Technology—not to humiliate, but to help the freshmen. At yesterday's meeting of the Rules Committee, the question of shortening the period during which the ties are to be worn was discussed, but a change was deemed inadvisable since it would be impossible to enforce the "Hello" rule were the ties abandoned. Thus the good done by the rules would die out before the end of the term, and a new start, if any, would have to be made next year. Furthermore the function for which the ties were designed, to help the freshmen make the acquaintance of their classmates, cannot be accomplished, even in the present time allotted for wearing them.

PROFESSOR KEYES IS ON WAY FROM PARIS

Professor Frederick G. Keyes, head of the Department of Chemistry at Technology, will sail from France today on the S. S. Cleveland and will come direct to Boston, arriving on the 20th.

Professor Keyes, who has been in ill health this summer, is now well on the way to recovery, and will resume active duty as head of his department immediately following his arrival.

TECHNOLOGY AIDS IN FLOOD RELIEF WORK

**Sole Connection With Outside
Is By Means of Radio**

(Continued from Page 1)

made immediate and satisfactory contact with the Technology station. Travelling was continued to Brattleboro, Vermont, where the key relay station was installed in a private residence and operated by Goldsmith for the entire stay. The other transmitter-receiver was carried on into the flood regions, and established communication from several locations around Ludlow and Bethel. At the latter town, the radio net comprised the sole means of keeping in touch with the outer world for several days until emergency telephone and telegraph lines were rushed through to it.

Four fixed stations handled the messages emanating from the roving radio party. Under the call of 1 XM a station was operated at Technology by H. A. Chinn; two were used on Col. E. H. R. Green's estate in South Dartmouth, under the call letters 1 XV, one of which is the Shortwave Research Field Station directed by G. G. Macintosh; and the fourth was composed of equipment transported to Brattleboro by the expedition. The mobile station was operated by Clapp and Broly.

Communication was established on a wavelength of 80 meters at every point at which the portable equipment was set up, the fixed stations handled press despatches between themselves on 80 meters at night and on 40 meters during the daytime. With this communication service, happenings in the flooded districts of the night before were made known to the public at the breakfast table in the extra morning editions of newspapers the world over.

OLD ACTIVITY WILL BE REVIVED BY T.C.A.

A comparatively unknown activity at Technology has been revived by the Technology Christian Association, according to letters which have been mailed during the past week to about 40 students.

This activity is similar to the Christian Endeavor movement. The men who are chosen make trips to the neighboring towns and hold meetings with youths of pre-college age. They try to instill in the minds of these boys, and their parents, that college life does not undermine the Christian influence of the homes in which they have been raised. These trips usually begin on Saturday afternoon, with the deputation men returning late Sunday evening.

Deputation work is an excellent opportunity for students to keep in contact with the activities of their communities and also with those of others, it is claimed. All those men who have received letters and are interested in this work should see Fred Dickerman '28, manager of deputation work of the Technology Christian Association.

PRESIDENT STRATTON RECEIVES FRESHMEN

President Samuel W. Stratton received the remainder of the freshman class at a tea held at his home yesterday afternoon. The other members of the Class of 1931 having been received by the President last Tuesday afternoon.

Professor Harry M. Goodwin '30, Dean of graduate students, Mrs. Goodwin and Professor William P. Ryan assisted the President in the receiving line. Refreshments were served and many new friendships were formed among the freshmen.

NOTICES

SWIMMING TEAM

Will candidates for the Varsity Swimming Team please report at the pool at the University Club on Monday, Wednesday and Friday at 5 o'clock in the afternoon.

M. I. T. A. A.

Will the following men please call for their Varsity shingles at the office: "T"—C. B. Meagher, P. H. Kirwin, R. A. Jack, J. A. McCarthy, M. H. Fay, J. S. Wiebe.

"Tt"—T. Kuki, M. Davies, We-tuh Kwauk, D. F. Collier.

"gT"—C. W. Newhall, W. B. Moore, G. V. Patrick.

"aTa"—C. B. Meagher, M. H. Fay, P. H. Kirwin, R. A. Jack, J. A. McCarthy, R. C. Austin, C. E. Worthen, Jr., N. W. Mitchell, N. L. McClintock, N. E. Earle, J. S. Wiebe.

There will be a meeting of the Honors discussion group in Room 2-278 Tuesday afternoon at 5 o'clock. Suggested reading for this meeting is "Meaning of a Liberal Education" by E. D. Martin.

T. E. N. COMPETITION

The managing board of the Tech Engineering News announces the beginning of a Post-Field Day Competition. All interested in trying out for the paper should report to the office in Walker basement.

ANTIQUE LIZZIE RECEIVED BY FORD

**Institute Lacking in Typical
Collegiate Vehicles
With Legends**

The most recent addition to Henry Ford's rapidly growing museum takes the form of an old, dilapidated "lizzie" which is intended to typify the rapidly growing college joke, the student divver. This rather peculiar piece of apparatus has accomplished the amazing feat of traveling 50 miles in a little less than an hour's time. Considering that the "gray ghost" had its first birthday some ten years ago and that it has been in the possession of a college boy, the fact that it went 50 miles would alone be enough to make the average man sit up and take notice.

This junk heap on wheels with its tintinabulation that "so musically wells" affords a perfect example of the public's conception of a student's car. Fortunately, Technology is situated in a State that has recently established stringent laws making it necessary for all car owners to carry a suitable insurance, so that one no longer receives sore eyes from glancing over the group of autos parked at the Institute.

Tech men are also distinguished from most college students in that they have cast into oblivion the once prevailing practice of appending would-be witty remarks in the form of "Baby, here's your rattle," or "Peaches, here's your can." Although this free display of humor is probably shown with the altruistic purpose of giving the public a few laughs now and then, the effect is too cheap to warrant the adaptation of such puerile actions by members of the institution of high learning. The abstemious car owners at Tech deserve great commendation for their wise actions in these matters.

STUDENTS ELECTED IN T. C. A. CABINET

Ronald L. Youngson '30 and Theodore A. Riehl '30 were appointed to the T. C. A. Cabinet at the dinner meeting last week. They hold the positions of Individual Service Manager and Manager of Freshman Activities respectively. Hugh Hamilton Jr. '29, was elected to the Executive Committee of the Cabinet as one of the two student members.

The Cabinet decided to hold regular meetings the first Monday of every month, and dinner meetings the third Tuesday of every month. Mr. Phillips Elliot, College Secretary for New England, was the principle speaker at this meeting.

Ninety some years ago a member of the class of 1841 of Harvard stole a pie from the college dining hall, taking the plate as well. Last spring his descendants presented the plate to President Lowell, who was so struck with the design that he has had a new platter patterned after it, to be the official dinner plates of the university and its president.

The latest prank of the demon statisticians has been to figure that those vicious automatic cigarette lighters burn up enough alcohol in one semester to thoroughly intoxicate Tech men for three nights.

The twenty-first annual report of the Carnegie Foundation for the Improvement of Teaching ranks McGill University of Canada with Harvard and Swarthmore Colleges as the three leading universities of the western hemisphere.

Mr. G. W. Johnson, college professor, has recently written a paper entitled, "What Does the University Think?" The article is an open criticism of the present state of government in which the brain power of the country, the educational institutions, play such a small part. He advocates having the "American universities participate as units in political problems."

"Ne portez pas le chapeau," is the advice of the French fashion authorities. But to follow their advice at New York University would bring down the wrath of Coach "Chick" Meahan on one's hatless head. The coach says that hatless heads invite ill health, and as a result all men on the football team must not go out bareheaded. Then there is the other side of the story, represented both pro and con by Dr. Royal S. Copeland, United States Senator and graduate of Michigan. "Wear your hat and go bald; take it off and get sunstroke."

Statistics show that at Princeton the majority of self-supporting students come, not from the democratic public high-school, but the so-called aristocratic prep school.

The Bates "Bob-Cat" and the Colorado "Dodo" add two more to the list of college comic magazines that have ceased to exist due to university administration interference. Both publications were discontinued because of profuse obscenity.

CHEMICAL SOCIETY TO MEET IN WALKER

(Continued from Page 1)

home cleansing agents to enormous emery wheels used in industry, will also be shown.

Dr. Arthur D. Holmes, Chairman of the Northeastern Section of the A. C. S., will preside at this meeting, which will be preceded by a dinner at 6:30 in the Faculty Dining Room. Directly following the dinner Professor Lyman C. Newell of Boston University will speak on some "Interesting Chemical Experiences of My Sabbatical Year."

The regular meeting will open at 8 o'clock, and any persons interested in modern developments in the fields of chemistry and chemical engineering are invited to attend.

CEMENT AUTHORITY WILL LECTURE HERE

(Continued from Page 1)

In Colonel Boyden's talks are: Present Era in Concrete Construction; Evils of Segregation; Modern Practice in the Use of Agencies to Promote Workability.

This lecture is arranged by the Celite Products Company, and everybody is invited to attend.

For the first time in almost three centuries Harvard was represented at an air meet. The recently organized Harvard Flying Club placed its plane in the competition Saturday, October 8.

The Lounger

(Continued from page 2)

kind to kick a man out of the course even if he cribbed every single structures formula that he used. Not one man in the class seemed to doubt the professor's benevolence, for with the first line of the first problem that was written on the board, every pair of eyes was turned upon the paper of the man on the left. (It's tough, of course, to be sitting on the end of the row, because the only information that man could crib would be what just came off his own paper.) Anyway, the cribbing was pretty unanimous, especially as a youngster who came in within two minutes of the end of the allotted time managed to get the whole five problems from his left-hand man. While this system is pretty efficient in the way of mid-term marks, the Lounger cannot help wondering why the whole sneaking bunch isn't killed off whenever the finals roll around. Of course, the honor system is entirely out of the question.

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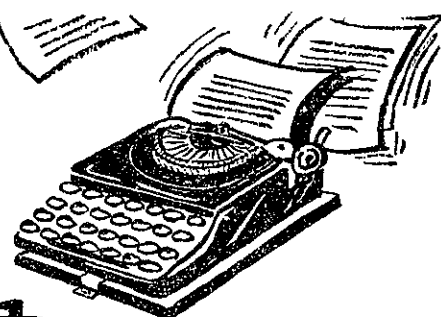
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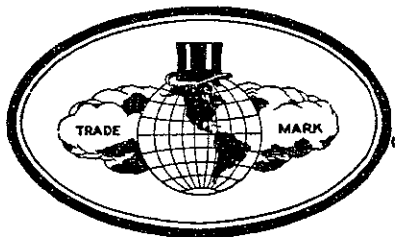
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